



Brickmaster™

magazine

EXO-FORCE

Go inside the
Sentai Fortress!

MINDSTORMS NXT tips

How to program
a better bot!

Meet the Aqua Raiders

Sneak preview of
2007's newest
action heroes!

November-December 2006

Item # 221301



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www.LEGOclub.com

LEGO Club, P.O. Box 1157, Enfield, CT 06083-1157

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The Aqua Raiders are diving into battle in 2007! What kind of sea creatures will they encounter – big or small, dangerous or friendly?

Design and build your own creature of the deep using pieces from your LEGO collection! It can be a real ocean creature or one you make up yourself. Then write a short essay (no more than 200 words) telling something about your creature – what it eats, where it lives, and whether or not it's friendly to humans.

FOUR FIRST PRIZES
A LEGO set of your choice, worth up to \$100.00!

TO ENTER:

- 1 Build an ocean creature using pieces from your LEGO® collection.
- 2 Send us a color photo of your model. Only photographs and photo-quality computer print-outs will be accepted. No Polaroids, please!
- 3 Write an essay of 50 words or less telling us about your creature.
- 4 Include your name, age, complete mailing address and day-time phone number on your essay.
- 5 Mail your photo and essay to:

LEGO® Aqua Raiders Building Challenge
P.O. Box 1625
Enfield, CT 06083-1625

All entries must be received by midnight EST January 3rd, 2007!



AQUA RAIDERS

BUILDING CHALLENGE!



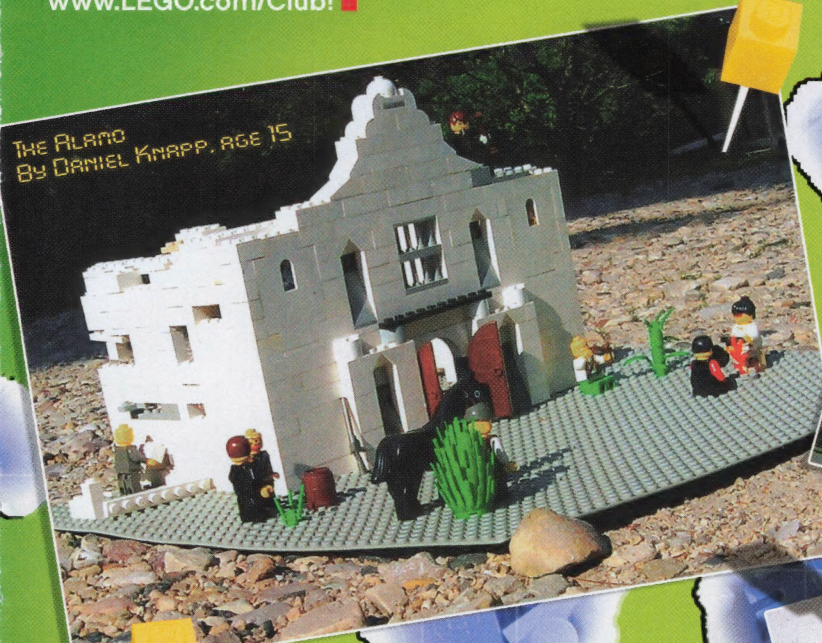
BrickMaster

NO PURCHASE NECESSARY. All entries must be received by midnight EST January 3rd, 2007. Offer valid where prohibited or restricted by law. Models must be constructed using only LEGO® pieces. Employees of LEGO Systems, Inc. ("Sponsor") and its affiliates and subsidiaries, advertising/promotions agencies and their immediate families are not eligible to participate. Entries will be judged based on originality (50%), creativity (25%), and essay (25%). Four (4) first prize winners will be selected from all eligible entries. Estimated total retail value of each prize \$100.00. All winners will be notified by regular US mail. Sponsor reserves the right to substitute prizes for equal or greater value. LEGO Company and its affiliates and subsidiaries are not responsible for: late, lost, misdirected, mutilated or damaged prizes; prizes claimed by the wrong person; prizes not being returned; and will not be returned. By participating in this contest, entrants agree to be bound by the official rules and decisions of the judges. All prizes are for personal use only. Entrants consent to the use of their name/likeness/entry materials in any manner by Sponsor for advertising/promotional purposes. Further competition unless prohibited by law. By accepting any prize, winners agree to hold the Sponsor harmless against any and all claims, damage, injury caused or liability related to the administration of the contest, participation in this promotion, and/or the use or redemption of a prize.

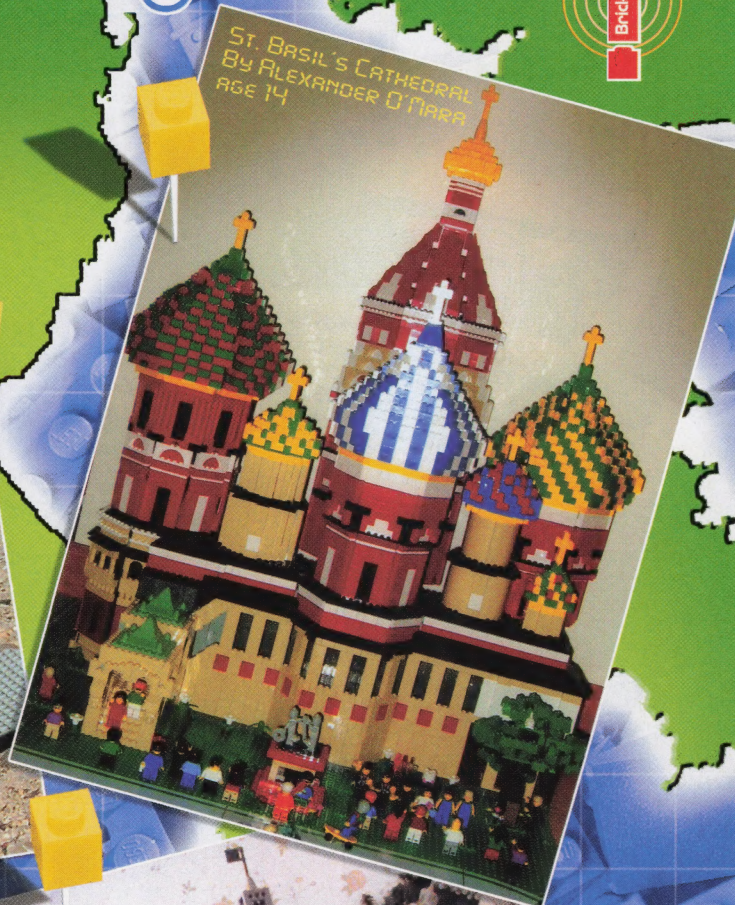
LEGO® Landmark Building Challenge Winners!



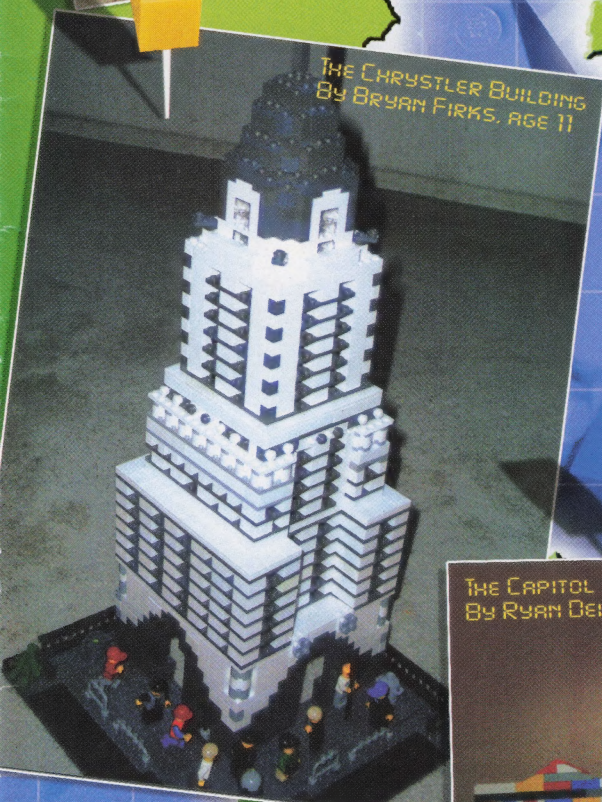
Wow! You BrickMasters created some amazing landmark models for this building challenge! It was so tough to pick our top 5 entries that we're putting some of our other favorites on the web for everybody to see. Check them out at www.LEGO.com/Club! ■



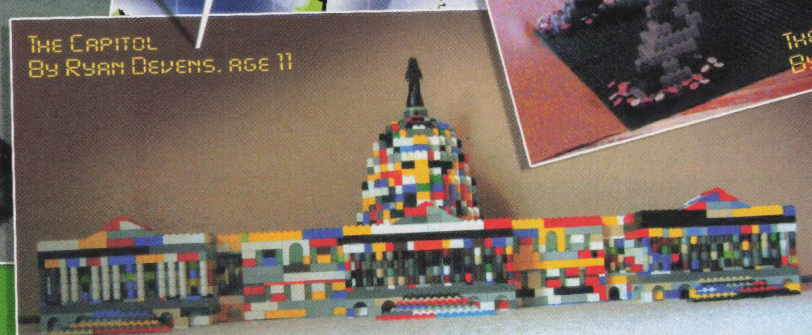
THE ALAMO
By DANIEL KNAPP, AGE 15



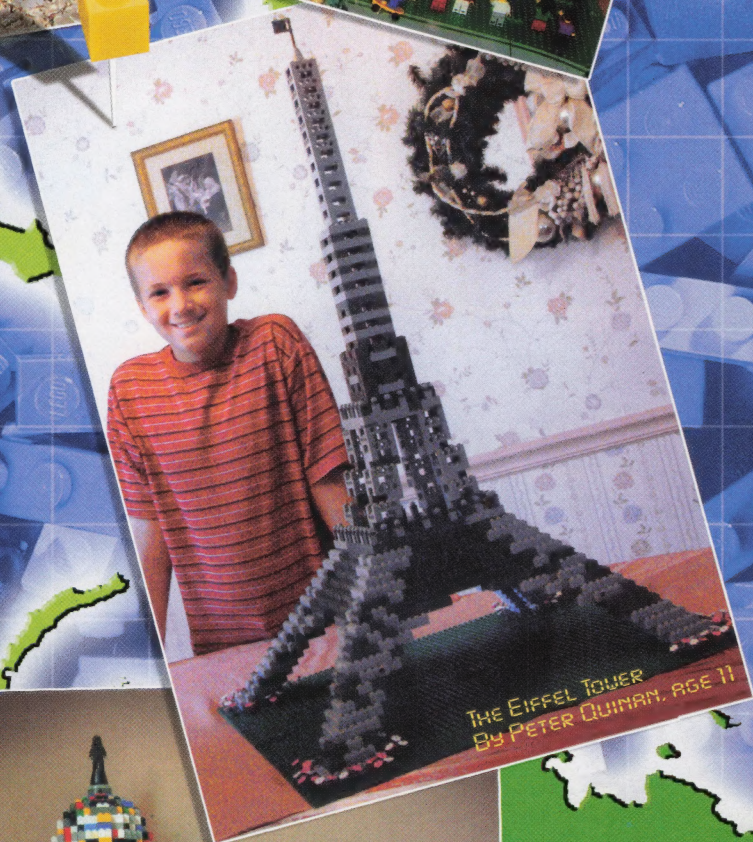
ST. BASIL'S CATHEDRAL
By ALEXANDER O'NARA
AGE 14



THE CHRYSLER BUILDING
By BRYAN FIRKS, AGE 11



THE CAPITOL
By RYAN DEVENS, AGE 11



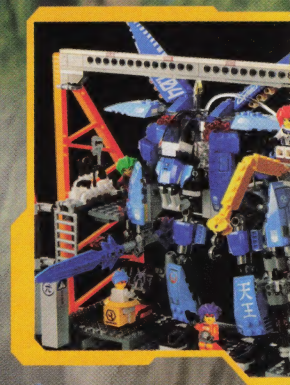
THE EIFFEL TOWER
By PETER QUINAM, AGE 11



EXO-FORCE



ATTENTION, EXO-FORCE!
I, SENSEI KEIKEN, AM HERE TO BRIEF YOU ON
THE FEATURES AND DEFENSES OF SENTAI FORTRESS,
YOUR HEADQUARTERS. PAY CLOSE ATTENTION! YOUR
KNOWLEDGE OF THIS BASE MAY MEAN THE DIFFERENCE
BETWEEN VICTORY AND DEFEAT
FOR MANKIND!



Magnetic Transport

Travel rapidly from one point in
the Fortress to another using these
two-man magnetic transports.



Regeneration Station

Pilots who are injured are brought here to
be treated by our laser healing ray. Our battle
machines aren't the only things that need to
power up!

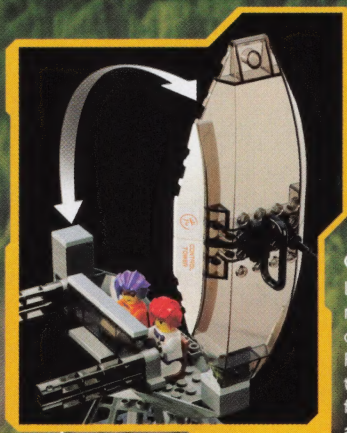
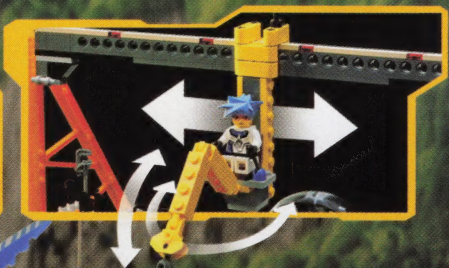


Destroyer Disk Launcher

An effective weapon against the robots,
this launcher can sweep from side to side to
track and respond to enemy targets.

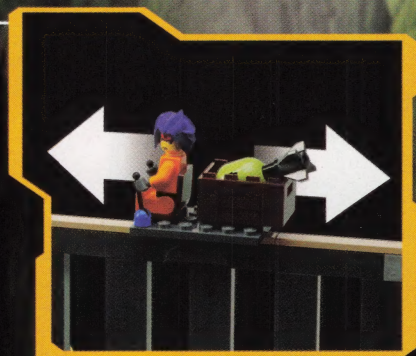
Repair Bay

Battle machines like the Silent Strike are built and repaired here with the help of the mobile crane arm and the latest technology. Although Ryo or I usually supervise this area, Hikaru likes to make sure work on his battle machine is done right.



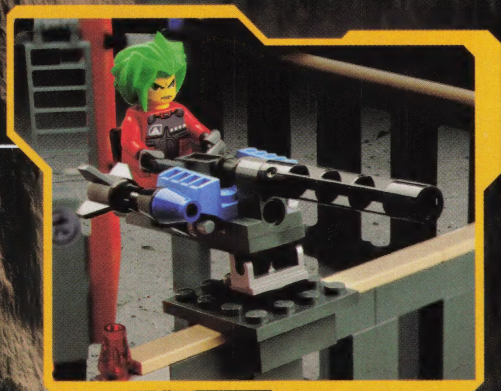
Central Command Station

Large enough to hold two EXO-FORCE members, this is the defense and communications center of the Fortress. From the computers here, we can monitor the entire base and its surroundings for robot threats. Hand weapons and ammunition are also stored in this tower.



Magnetic Transport

The magnetic transport can also be used to transport weapons and ammunition around the Fortress.



Phase Laser Cannon

Manned by Takeshi, this was specially designed to damage Thunder Fury armor.

Visit
www.EXO-FORCE.com
For more insider
inFormation

LEGO

EXO-FORCE

THIS IS SENTAI FORTRESS. IT'S THE WELL-DEFENDED AND HEAVILY ARMED HOME BASE OF EKO-FORCE. NO ROBOT HAS EVER BREACHED ITS WALLS.

NOW, CALMLY, HIKARU. TELL ME AGAIN WHAT YOU SAW OUT THERE.

BUT ITS STRENGTH IS ABOUT TO BE CHALLENGED!

IN THE REGENERATION STATION...

IT WAS THE ROBOTS' NEW BATTLE MACHINE. IT'S HUGE, IT'S INCREDIBLY POWERFUL, AND IT'S ON ITS WAY HERE.

CHOOM! CHOOM! CHOOM!

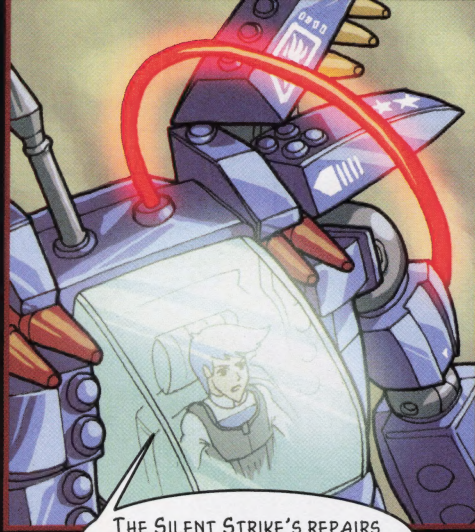
"THE STRIKING VENOM IS COMING, AND IT'S COMING FAST!"

ROBOT STRIKE FORCE, CONVERGE ON SENTAI FORTRESS. THE HUMANS CANNOT STOP US THIS TIME.

THE HUMAN DEFENDERS LEAP INTO ACTION!

ALL PILOTS TO YOUR BATTLE MACHINES! MAN COMBAT STATIONS! YOU MUST PROTECT THE FORTRESS AT ALL COSTS!

SHRAAK! SHRAAK! SHRAAK!



THE SILENT STRIKE'S REPAIRS ARE DONE. TIME TO POWER UP!



DRONE TROOPS, DEPLOY! SENTAI FORTRESS WILL FALL BEFORE THE MIGHT OF THE STRIKING VENOM!

NOT IF WE HAVE ANYTHING TO SAY ABOUT IT. EXO-FORCE, GO!



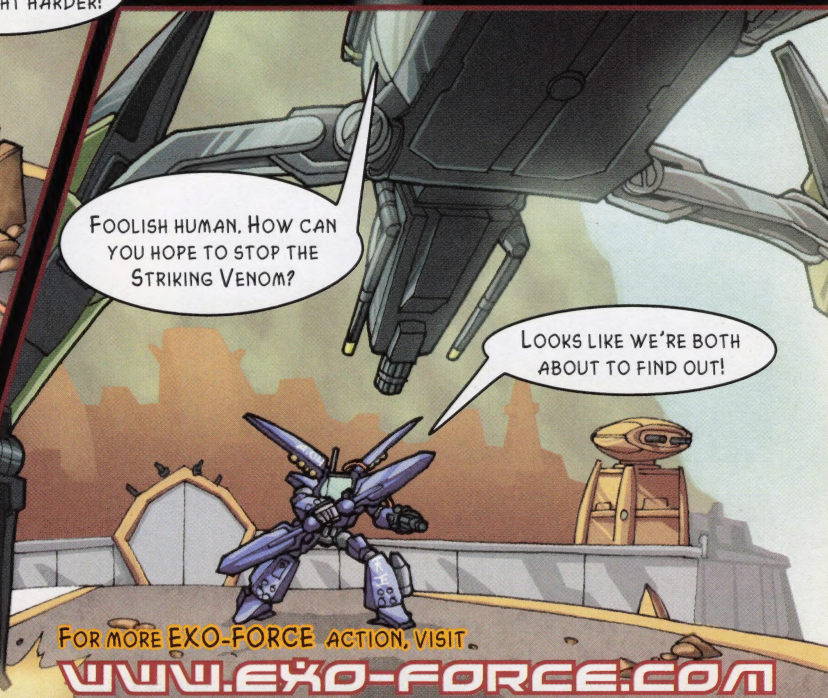
THERE'S NO END TO THESE GUYS!

THEN WE'LL JUST HAVE TO FIGHT HARDER!



FOOLISH HUMAN. HOW CAN YOU HOPE TO STOP THE STRIKING VENOM?

LOOKS LIKE WE'RE BOTH ABOUT TO FIND OUT!



FOR MORE EXO-FORCE ACTION, VISIT

WWW.EXO-FORCE.COM

Deep in the desert of Tatooine, the crime lord Jabba the Hutt is about to throw Luke Skywalker and Han Solo to the ravenous Sarlacc monster below. Their Friends Lando Calrissian and Princess Leia have a plan to help them escape... but they'll need R2-D2 to do it! Can you help them find where the little droid is hiding on this page? ■

Secrets of Jabba's SAIL BARGE

SAIL BARGE FAST FILE

VEHICLE TYPE:

Ubrikkian luxury sail barge

OWNER:

Jabba the Hutt

ARMAMENT:

Turret-mounted laser cannon

POWERED BY:

Antigravity repulsorlift, wind

FEATURES:

Positionable sails, prison cell, fully-stocked kitchen, throne chamber

SECURITY PROVIDED BY:

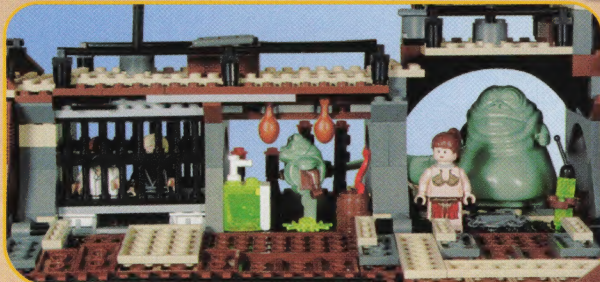
Boba Fett

ESCORT VEHICLE:

Prisoner transport skiff



Launch Boba Fett into action!



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Visit www.LEGO.com/STARWARS For more!

6210
Jabba's Sail Barge



BUILT FOR SPEED

the Ferrari F1 Racer 1:8

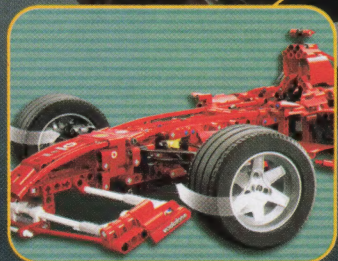


Introducing the **first-ever** 1:8 scale LEGO Ferrari F1 Racer. Bigger, faster, sleeker and with more authentic details than ever before, this super-realistic replica of the Scuderia Ferrari F1 race car is the ultimate model for any Ferrari or racing fan to build and display. ■

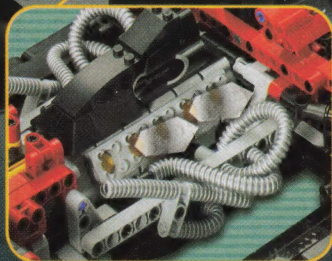
- Scuderia Ferrari was Founded by Enzo Ferrari in 1929.
- Ferrari first competed in a Formula 1 race in 1950.
- The Ferrari logo is a rearing black stallion on a yellow field.
- Real dimensions: 4545 mm long, 1796 mm wide, 959 mm tall

Authentic labels and sponsor logos

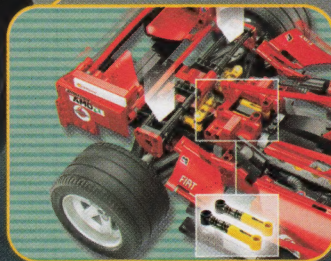
8674 Ferrari F1 Racer 1:8



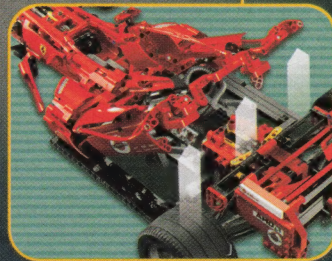
- The LEGO Ferrari model has a working steering system to handle tight racetrack curves.



- Remove the engine cover on the model to reveal moving pistons.



- The model includes details like real working front and rear suspension.



- Remove the spoiler and nose for even more detail.

Ferrari

OFFICIAL LICENSED PRODUCT



Model measures over 61cm long!



RACERS



BEHIND THE BRICKS:

Secrets of the Piraka Stronghold



AN INTERVIEW WITH
MODEL DESIGNER
TORBEN SKOV



"Designing a model like Piraka Stronghold isn't as easy as you might think, because it's much more than just putting pieces together. How would a stronghold built by Piraka look?"

Ever wonder what goes into designing a BIONICLE battleset like the Piraka Stronghold? So did we – so we went to the expert, LEGO Model Designer Torben Skov!

Torben works in Billund, Denmark, global headquarters of The LEGO Company, and has been designing models for 20 years. He's been on the BIONICLE team for two years, after spending time designing models for LEGO City, Life on Mars, Sports, and Knights' Kingdom, among others.

What does it take to be a LEGO set designer? Patience, skill with and knowledge of LEGO elements, and most of all, creativity and imagination. Most set designers have backgrounds in art, architecture, or design.

Designing a model like Piraka Stronghold isn't as easy as you might think, because it's much more than just putting pieces together. First, the designer must know all about the universe he is working in – in this case, BIONICLE. What fits and what doesn't? How would a stronghold built by Piraka look?

After that's decided, the real work begins. "Elements must be developed," says Torben. "Models must be digitalized and elements counted before you can build for the first time." It's important to know how many new pieces a model will require, because that affects how much extra work will go into producing it and what it will cost to make.

Once the pieces have been decided on and approved, the model starts getting tested. Some of these are product safety tests, others are groups of fans. A typical BIONICLE fan test group consists of fans from ages 8-12, some who own a lot of BIONICLE sets and some who own only a few. They are asked to give their opinion of every aspect of the model and

whether or not it is something they would want to own. Based on what comes out of these meetings, designers may need to go back and make changes. If the focus tests come back positive, then work can start on any decorations needed for the pieces.

"Right now, I'm working on next year's BIONICLE sets, but they are secret, of course."

– Torben (LEGO)

After that is done, building instructions are made and artists get to work designing the packaging you see in the store. As for Torben, he is on to his next big design project. So what is he working on now?

"Right now, I'm working on next year's BIONICLE sets," he says. "But they are, of course, secret."

Working on super-secret BIONICLE models ... sounds like a fun job, doesn't it? ■



BIONICLE 2006 PLAYTHEME



MINI-FIGURE MADNESS!

The Piraka Stronghold set features 12 new minifigures – six Tera Inika and six Piraka! All the figures have been redesigned since 2004 so that they now feature moving parts and masks that more closely match the canon figures.



FETRARK: ON THE LOOSE!

Adding a cool vehicle to a playset can be a challenge. The LEGO designers solved it by creating a Fetrakk spider-drawn chariot for the Tera – and attaching wheels into the BIONICLE universe.



LAUNCH THE ZATTOO SPHERES!

One way to make a set like this fit into the other ones in the line is to use similar elements, especially weapons. Torben used a Tera Inika's gamma launcher for the stronghold's tower launcher – with the characters in minifigure scale, the launcher goes from being a handheld weapon to a massive gamma cannon.



NICKELODEON

降世神通

AVATAR

THE LAST AIRBENDER

QUEST For the AIR TEMPLE!

Aang and his Friends are in a race against Prince Zuko to reach the Air Temple at the mountain's top! Challenge a Friend, choose your side, and get ready to adventure in the world of the Avatar.

"Quest for the Air Temple" is a game for 2 players.

1. Each player picks a side: Aang the Avatar, or Prince Zuko of the Fire Nation
2. Use LEGO Avatar minifigures or any other LEGO piece to play. You will also need a 2x2, 2x4 or 2x6-stud LEGO brick to roll.
3. Roll the LEGO brick to see who goes first. Whoever has the highest number (see below) is the first to play. If it's a tie, both players roll again.
4. Take turns rolling the brick and moving across the board. If you land on a space with instructions for your side (blue for Aang, red for Prince Zuko), do what it says. If you land on a blank space or a space for the other side, your turn is over.
5. Whoever climbs the mountain and reaches the Air Temple first is the winner!

Rolling the LEGO brick:

- If the brick lands with studs facing up, move 1 space.
- If the brick lands with studs facing down, move 2 spaces.
- If the brick lands on its side, move 3 spaces.



The Avatar escapes your cunning trap! Move back 1 space to sulk and plan again.

Momo the winged-lemur scouts ahead. Jump forward 3 spaces!

Brave Sokka leads the way... and gets you lost. Lose a turn.

Katara freezes you with her waterbending. Go back 2 spaces while you melt yourself free.

A soldier brings news of the Avatar's location. Move forward 2 spaces to prepare your trap.

#3829 FIRE NATION SHIP

Your adventure begins here! Aang and his friends have just escaped from Prince Zuko's Fire Nation Ship. Can they reach the Air Temple on top of the mountain, or will Prince Zuko get there first to capture them?

#3828 AIR TEMPLE

You've reached the top! The secrets of the Air Temple are yours. Now try switching sides and playing again!



Melt the ice with the power of Firebending and advance 3 spaces!

Aang finds his glider! Avoid the Fire Nation and soar ahead 2 spaces.

Maybe you shouldn't have used so much fire in the snow. Lose a turn while you dry off.

Aang gains the power of the Avatar state! Move ahead 3 spaces.

You build a slime-ball catapult and fight off the Fire Nation! Move ahead 1 space.

Momo the winged-lemur gets distracted by food. Go back 1 space.

Your loyal Firebenders blaze a trail to the top. Move Forward 1 space.

Construct a Fire Nation tank and roll Forward 3 spaces. On to victory!

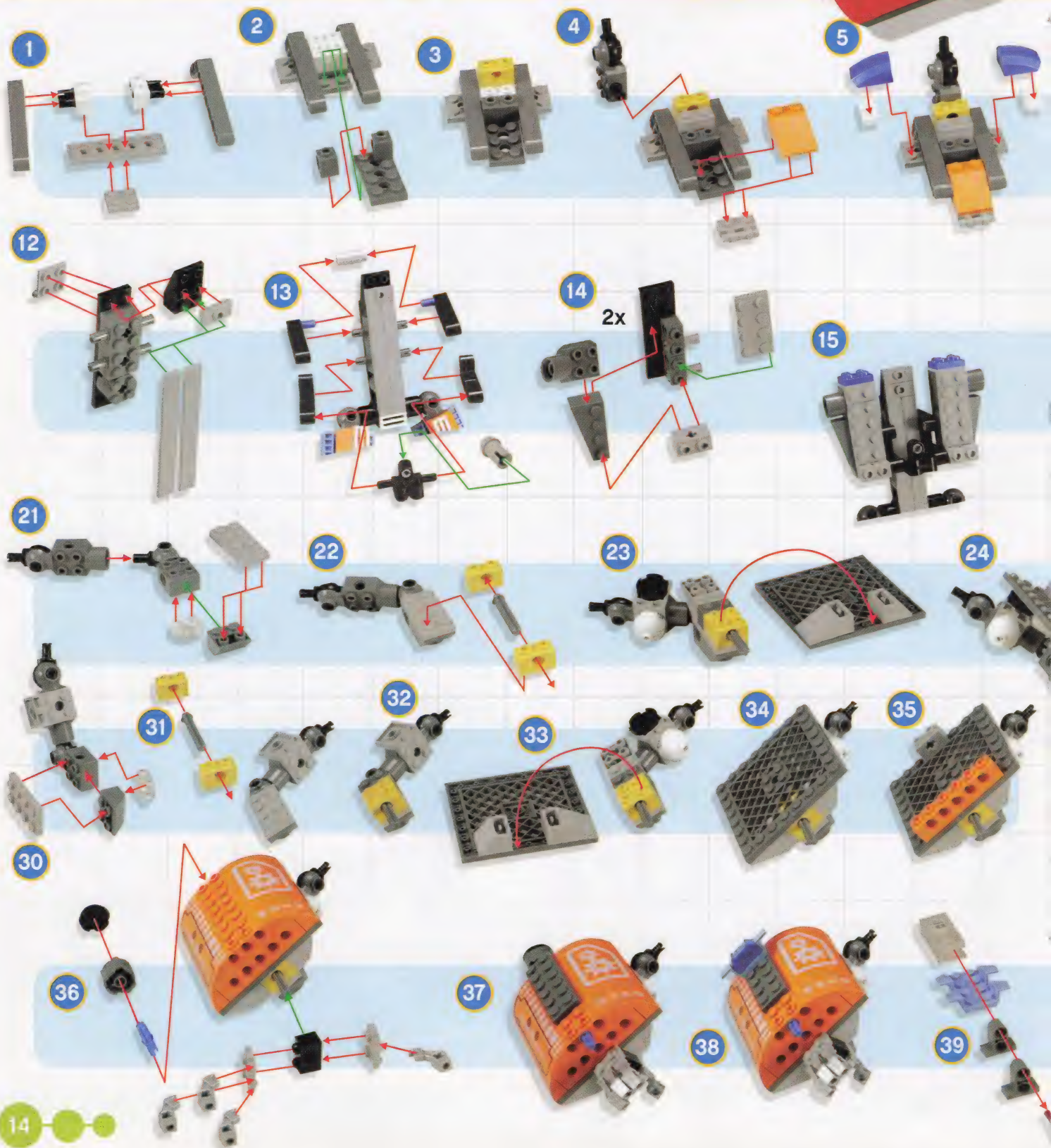
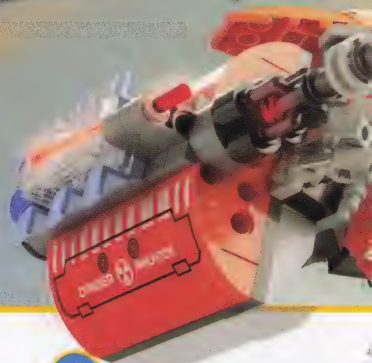
Avalanche! Move back 2 spaces and don't whistle so loudly next time.



MAGNALINK

With his Uplink battle machine badly damaged in a robot attack, Ryo has to act Fast to save its vital data core! Using all of his engineering skills, he constructs a powerful armored Frame with arm-mounted weapon batteries that carry a twin-barreled plasma torch and a mega pulse

cannon. No longer a tiny scout and Field repair machine, the all-new MAGNALINK is a mighty Force to be reckoned with on the battlefield! ■





Build the MAGNALINK using pieces From 7706 Mobile Defense Tank and the Silent Strike From 7709 Sentai Fortress!





LORD VLADEK AND HIS ROGUE KNIGHTS ARE ATTACKING THE TOWER! CLOSE THE GATE!



FIRE! KING JAYKO AND HIS KNIGHTS WON'T STAND IN MY WAY THIS TIME.



I'LL HOLD THEM OFF WHILE YOU GET THE SHIELD OF AGES!

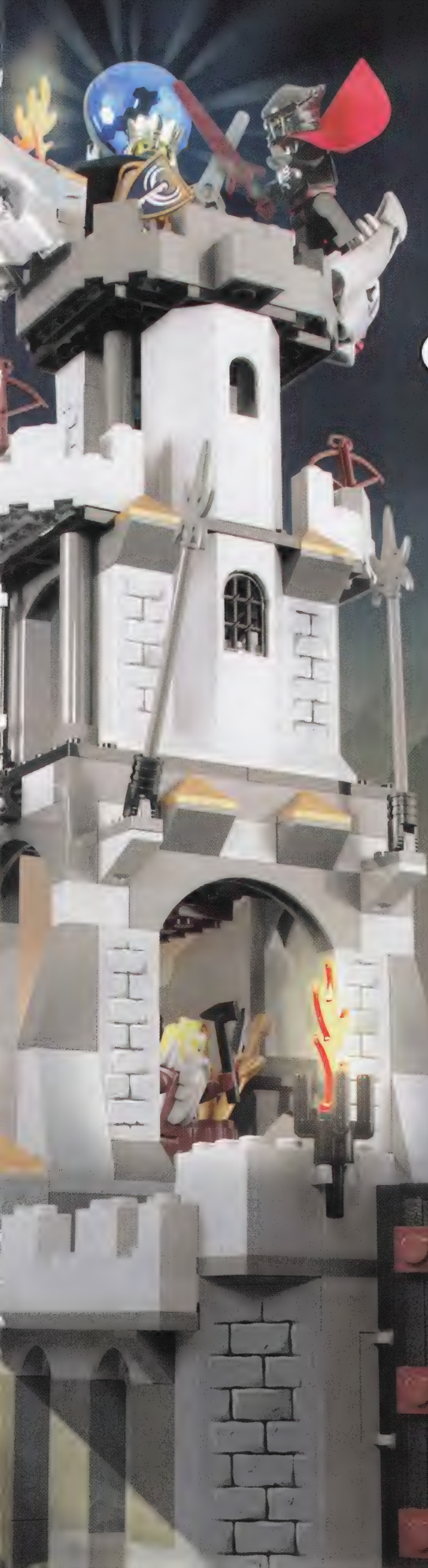
BATTLE FOR THE MISTLANDS TOWER!

Hidden deep in the heart of the Mistlands of Morcia, the Mistlands Tower holds a magical prize. For any knight brave enough to climb to the top. Who will be the first to capture its power?



KNIGHTS' KINGDOM

DEFEND THE TOWER SAVE THE KINGDOM

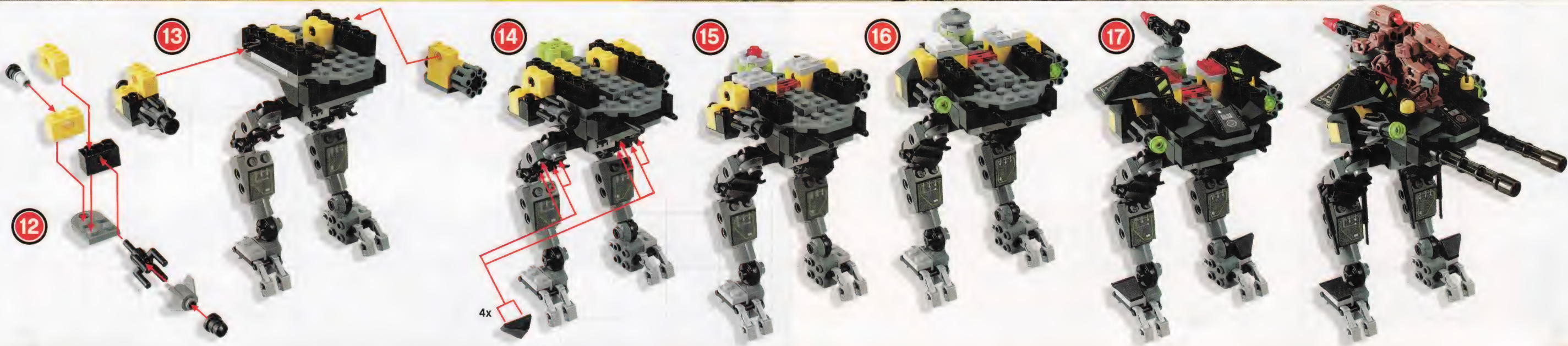




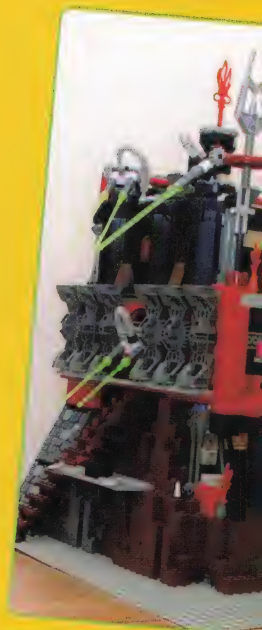
BLIGHTRUNNER

These small attack vehicles support the larger robot battle machines in combat, dodging in and out of battle to fire on unwary human forces. Though lightly armored, the Blightrunner's maneuverability, firepower and low radar profile make it an enemy that should not be underestimated. Build the Blightrunner using pieces from the robot attackers in 7709 *Sentai Fortress!*

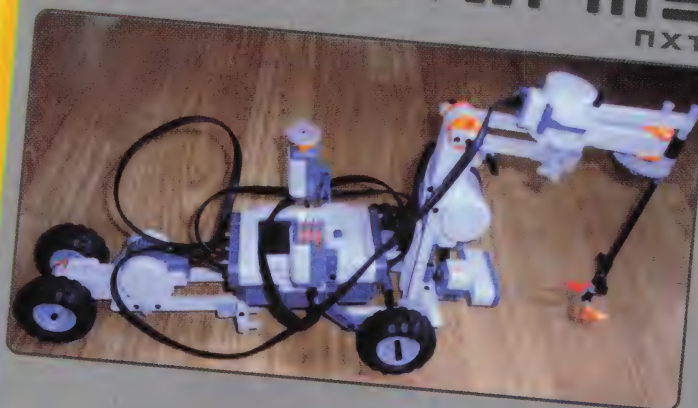




BIONICLE Super Strongh



LEGO mindstorms NXT



Building Challenge WINNERS



Build Challenge WINNERS

Look for a list of BIONICLE Piraka Trivia Contest winners at www.BIONICLE.com!



Inika Defense Colossus
Steven Bosch, age 12



The Flaming Fortress
Connor Bamhart, age 13



Inika Ultra-Defense Stronghold
Dalton F. Seruano, age 8

enge



Inika Fire Fortress
Rachel Newkirk, age 11

Got an awesome model of your own you would like to see in Cool Creations? Then send your photos to:



Cool Creations
P.O. Box 1308
Enfield, CT 06083-1308

Remember to include your name, address and the name of your model.
No Polaroids please! Pictures will not be returned, so remember to take an extra photo for yourself!

DISASTER!
THE INMATES
HAVE TAKEN
OVER GOTHAM
CITY'S ARKHAM
ASYLUM!

Asylum SINISTER!

THE SCARECROW

HEE HEE! IF BATMAN
COMES, WE'LL SHOW HIM A
FRIGHTFULLY GOOD TIME!

THE RIDDLER

RIDDLE ME THIS: WHEN IS A
CELL DOOR NOT A CELL DOOR?

WHEN IT'S AJAR!

POISON IVY

THE DARK KNIGHT HAS
BEEN A WEED IN MY
GARDEN LONG ENOUGH!

A MYSTERIOUS SIGNAL FLASHES IN THE NIGHT, SUMMONING THE
ONLY HERO WHO CAN DEFEAT THIS VILLAINOUS TEAM.



LEGO

BATMAN

THE BATMAN!

WELCOME TO ARKHAM
ASYLUM, BATMAN - WE'RE
SURE YOU'LL LIKE IT HERE.

IN FACT, YOU'LL
NEVER LEAVE!

CRASH!
CRASH!
CRASH!

CRASH!
CRASH!
CRASH!

CAN BATMAN
DEFEAT HIS
ARCH-FOES AND
SAVE GOTHAM
CITY? YOU
DECIDE!

www.LEGO.com/Batman

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LEGO

LEGO

LEGO

LEGO

DUEL FOR THE TOWER!

Hidden deep in the heart of the Mistlands of Morcia, the Mistlands Tower holds a magical prize for any knight brave enough to climb to the top. Who will be the first to capture its power?

8701 KING JAYKO

Symbol: The Hawk
Weapon: Runesword
Allies: Sir Adric, Sir Kentis and the Knights of Morcia
Skills: Noble, honest and wise, has amazing speed and skill in battle
Action: 2-handed sword and shield combo attack
Battle vehicle: Fireball-launching Axe-Ram

YOU'LL NEVER WIN, VLADEK. THE KNIGHTS OF MORCIA WILL STOP YOU!

NOT A CHANCE, KING JAYKO. THE MAGIC OF THE TOWER WILL BE MINE!

8702 LORD VLADEK

Symbol: The Scorpion
Weapon: Sword of Dark Sorcery
Allies: Karzon, Dracus and the Rogue Knight Horde
Skills: Treacherous and cunning, uses magic sword to cheat and win
Action: Sinister side-slash sneak attack
Battle vehicle: Wall-smashing Crossbow Catapult

LEGO KNIGHTS
Kingdom

DEFEND THE TOWER SAVE THE KINGDOM

King Jayko must build his battle vehicle to defend the Mistlands Tower! Help him by finding the pieces of his Fireball-launching Axe-Ram and crossing out the pieces of Lord Vladek's evil Crossbow Catapult. Find all the right parts and you'll discover a secret message from the Book of Morcia!



MISTLANDS



THE



VILLAINS



SHIELD



ATTACK



OF



AGES



FOR



CAN



FOREVER



SAVE



THE



BATTLE



KINGDOM

MINDSTORMS On the Street Interview with Host

LEE WEST



Mmeet Lee West! As a music artist, skateboarder, illustrator and more, he's the perfect host for the brand-new **MINDSTORMS NXT video segments**. You can view them (and see what he's talking about with Soda-Bot and the phone numbers) at www.MINDSTORMS.com.

Hometown: Oakland, California **Favorite color:** Purple
Favorite Food: Pasta **Favorite Movie:** "The Big Lebowski"

Tell us a little about yourself, Lee!

Lee West: I'm an illustration major art student at California College of Arts and Crafts, and a pro skateboarder and hip-hop artist.

How long have you been skateboarding?

Lee West: I have been skating for about 19 years and doing skateboard tricks for 12 years. I was very inspired as a kid by movies such as "Back to the Future" and "Gleaming the Cube". When I saw how those characters were, the freedom, the rebellion and the extreme of it, I just thought that it was art and it was a perfect fit in my life.

Did you play with LEGO bricks as a kid?

Lee West: I was a LEGO kid. I used to get a whole bunch of random pieces from the kids in the neighborhood. I never had a complete set. Any time I got in trouble, got grounded or got bored, I made stuff with LEGO. In my sophomore year, we were told to make a 3D image of a childhood experience. I built a representation of my bedroom when I was five years old. I used two of the LEGO men to show me and my best friend.

What inspires you to be creative?

Lee West: I am inspired by seeking new ways to experience and show reality. My Dad is an artist, so as a little kid I was always inspired to be like him.

What's cool about MINDSTORMS NXT?

Lee West: The intelligence behind it, but also that it's done with a sense of humor, like the Soda-Bot. I don't like to take myself too seriously. It's pretty cool to be able to build robots with LEGO. Finally I can get some help around the house. ;-)

What would you want to build and program a MINDSTORMS robot to do for you?

Lee West: Go get more phone numbers from girls for me!

What was Soda-Bot's secret to getting that girl's phone number?

Lee West: By saying as little as possible but using his body language (his little laugh, for example).

Any final words for the MINDSTORMS NXT builders out there?

Lee West: Push your level of creativity (with LEGO). Instead of using the instructions all the time, tweak it to the way that you like it. You will end up surprising yourself. ■

LEGO MINDSTORMS NXT

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One of the places where you can find
LEGO® MINDSTORMS NXT® is at Amazon.com!

SPECIAL OFFER!

Visit www.amazon.com/LEGO for a special offer for LEGO Club members. The first 500 people who buy a MINDSTORMS NXT set will receive \$25 worth of LEGO products and a **FREE** 8-pack of AA Energizer® e²® Lithium® Batteries to power your robot. Offer valid through November 30th.



Why Energizer E² Lithium Batteries?
You can "Create" for up to 3.5 hours longer* with your LEGO® MINDSTORMS® NXT!

*vs. Energizer® Max with continuous play. AA only. Results vary by design and programming.

Energizer, Energizer Bunny Design and other marks are trademarks of Energizer.

Energizer® e²® Lithium®
is the recommended
battery for
MINDSTORMS NXT.

amazon.com
and you're done.™



577 PIECES

ONE AMAZING ROBOTICS KIT!

The MINDSTORMS NXT robotics kit includes building and programming instructions for 4 unique and amazing robots, each designed to do something new and different for you. But the possibilities don't end there!

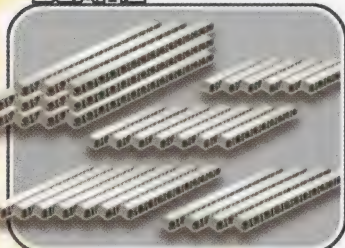
Each of the 577 elements in a MINDSTORMS NXT set is a flexible and functional component for designing and creating robots of your very own. Some are classic LEGO TECHNIC pieces to help you build a strong and sturdy framework for your robot's body. Some are gears, levers and wheels to make your robot leap into action at your command. And some are special parts that serve very special functions...or maybe just make your robot creation look cool. ■



I've got a good feeling about this

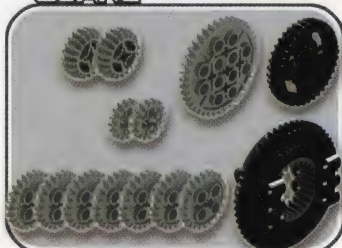
Make your robot feel and react with the MINDSTORMS NXT Touch Sensor! The sensor can detect and respond to different kinds of contact when its tip is bumped, pressed or released. Use it to program your robot to pick up objects, change direction when it runs into an obstacle, activate at the push of a button, and much more!

BEAMS



Who says robot construction can't be stylish? These beams not only lock tight to form a solid body for your 'bot, but also match the color of the NXT computer at its core!

GEARS



Want to make your robot's components move faster, slower, or in a different direction? The NXT set has a different gear for every occasion. Plug some in and watch your creation spring to life!

TRIANGLES



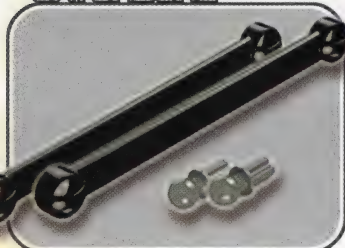
It may look like one, but this is no clothes hanger. With its distinct shape and plenty of attachment points, this piece will help you design your robots in a whole new way.

POINTS



Whether you use them as teeth, spikes, or just decoration, these wild orange points are sure to give your creation's look some real bite.

EXTENDERS



Want to build a 4-armed alien monster? Here's a handy set of pieces to make one part of your robot pull on another. Snap one end into the top arm and one into the bottom to make them move together!

WHEELS



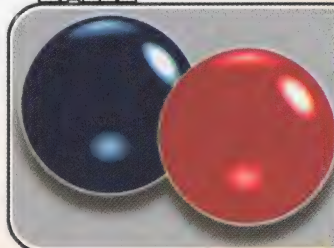
A bumpy road is no obstacle when you build these heavy-duty tires into your robot. With their powerful rubber treads, they'll take your creation just about anywhere you want it to go.

BLADES



Will it be a claw? A sword? A mechanical eyebrow? From fingers that grip to spider-bot legs, these pieces will help to define your robot's winning personality.

BALLS



Program your robot to fetch the red ball or dunk the blue one through a hoop. With enough practice, you might even be able to teach it to juggle!

LEGO® MINDSTORMS™ NXT
available at these
and other fine stores.

For a full listing of retailers
and locations please go to
www.MINDSTORMS.com

TOYS R US

COMPUSA
We got it. We get it.

TARGET
(select stores)

Fry's
ELECTRONICS

BEST BUY

F·A·O·SCHWARZ

MINDSTORMS NXT IS THE

BIG ROBOT ON CAMPUS

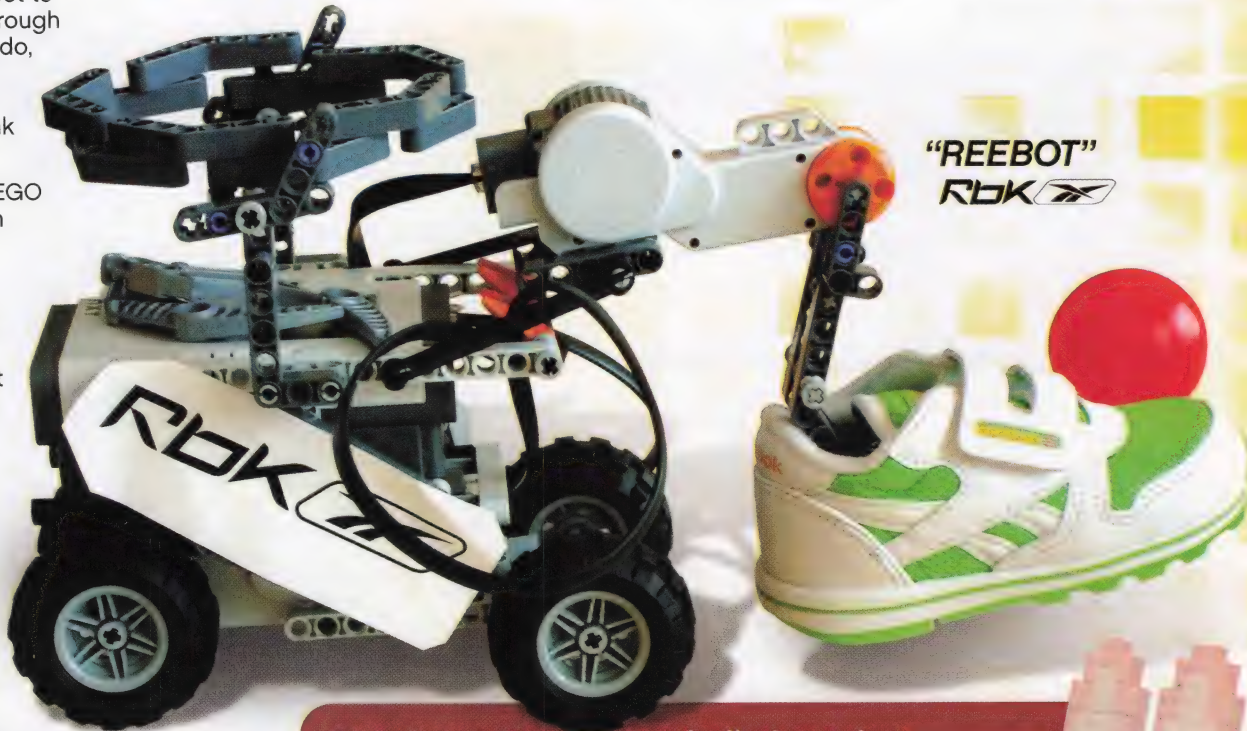
We gave MINDSTORMS NXT robotics sets to some of the biggest, brightest and best in the business and asked them to show us their stuff by custom-designing their own unique robots that do what they want them to do.

"We wanted our robot to embody Reebok through sport," says Keiji Ando, member of BROC Team Reebok, "so we wanted it to dunk and kick and stuff."

Keiji worked with LEGO and robot fans from different design departments at Reebok to create the mighty **Reebot**.

So what kind of 'bot is Reebot? "It's a reverse-dunking, long-range-sharp-shooting, penalty-goal-destroying pressure-proof assassin!" Keiji proclaims.

And how will it fare against the other BROC team creations? "Reebot will dunk all over them. It'll dunk on them 9 times before they hit the ground." ■



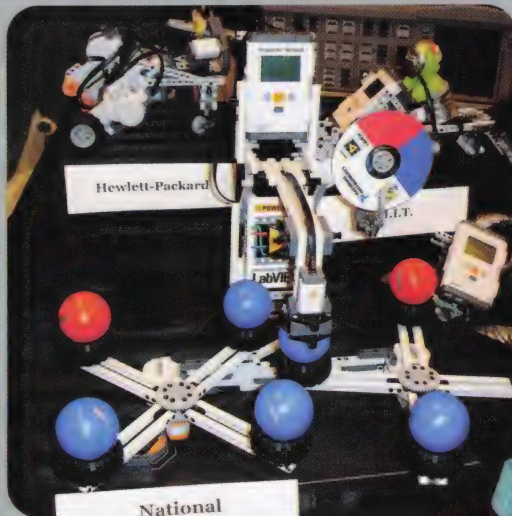
Check out Reebot and all the other BROC robots at www.MINDSTORMS.com!



Southwest's NXT Airplane Robot.



The Southwest Airlines team spread out to get inspired.



National Instruments' Mr. Nimball.

Energizer's robotic Bunny keeps going and going!



What's NXT?

PROGRAMMING YOUR 'BOT!

Programming your MINDSTORMS robots to do what you want is a piece of cyber-cake for the NXT intelligent brick. Just load up the user-friendly program on your computer, check out a few easy tutorials, and you'll have a fully operational 'bot in no time flat! ■

BE STILL MY BEATING HEART

4 EASY STEPS!

Here's a great first-time program to try out. Just follow these simple steps to bring Alpha Rex to life with a digital heartbeat!



- STEP 1** Create a **LOOP BLOCK** to tell the NXT that this program should keep repeating until you want it to stop.
- STEP 2** Use the **DISPLAY BLOCK** to tell the NXT that it should display a heart image on its screen.
- STEP 3** Next, add a **WAIT BLOCK** to tell the NXT to pause between heartbeats.
- STEP 4** That's all it takes! Now you can add **MOVE BLOCKS** and more to make your robot do different things while its virtual heart beats for all to see. Download your brand-new program to your robot and you're done!



THE STING OF VICTORY!

Want to make a program with a bit more bite? This sequence will make Spike the Scorpion-Bot walk toward a target, strike with his tail while playing a sound, retract his tail again, and retreat back to the starting point!

- STEP 1** Create a **MOTOR BLOCK** that tells your robot to crawl forward a set distance using two of the MINDSTORMS NXT servo motors.
- STEP 2** A third motor controls the tail! Adding this **MOTOR BLOCK** here tells your scorpion to strike when he's finished moving.
- STEP 3** Use the **TOUCH SENSOR** to tell the tail to stop when it contacts a target!
- STEP 4** And placing the **SOUND SENSOR** block here lets you set the NXT to play a sound when Spike strikes.
- STEP 5** These two **MOTOR BLOCKS** tell the tail and legs to reverse after a successful strike. Now Spike's ready to attack again!

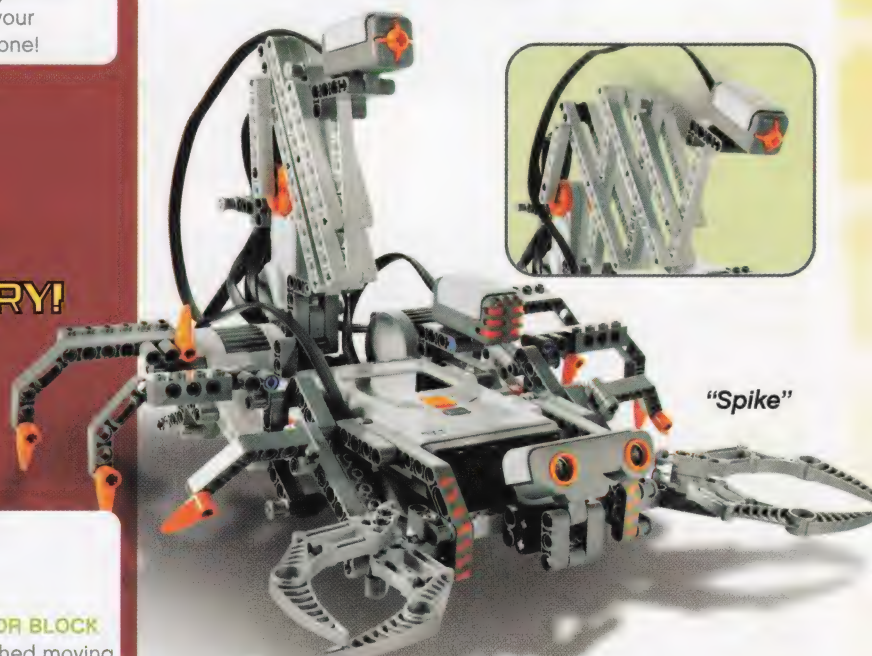
LIGHT SENSOR

In brightest day and darkest night

The MINDSTORMS NXT Light Sensor helps your robot to see. It can tell the difference between light and dark, and distinguish one color from another by their light intensity. Use it to make a burglar alarm robot that activates when the light is turned on, a pathfinding robot that follows a line on the floor, or even a robot that can sort objects by color!



"Alpha Rex"



"Spike"

Now that you know how to program your MINDSTORMS NXT robot, try to think of ways to customize these programs to do different things. Pretty soon, you'll be building all-new programs to make your robot creations do whatever you want!

Find these programs and more in "Meet the Robots" at MINDSTORMS.com

ROBOTS

THROUGH TIME AND SPACE!

Robots have been around a lot longer than you may think. As far back as classical Greek mythology, we've had legends of obedient automatons made from stone, clay, metal... even dragon's teeth!

Check out our timeline of robots through the modern age and see how it all leads up to the amazing technology of today's robotic creations! ■

c. 400 BC

The ancient Greek philosopher and mathematician Archytas is said to have created a mechanical bird that flew through the air powered by steam. But did it really happen, or is it just a story?

1738

Jacques de Vaucanson, inventor of automatons, designs and constructs a mechanical duck with over 400 moving parts. It can flap its wings, eat, drink, and even digest grain. And yes, it can make the by-product of digestion, too...

1920

The word "robot" is introduced to the world by the Czech writer Karel Capek. His play, "R.U.R." (Rossum's Universal Robots), is about artificial people created to serve humanity. But like so many robots in later science fiction, they eventually rebel and take over. Of course, we're pretty sure today's robots won't do that...right?

1926

Fritz Lang's silent movie "Metropolis" is released. "Maria," the film's robot villain, is the first of her kind to be seen on the silver screen.

1940s

Science fiction literature explodes with robots. Newspaper stands are full of pulp magazines with stories about robot servants, robot friends, robot explorers, robot warriors...in fact, robot pretty much everything!

1950s

1960s

Now robots are really on the march! B-movies everywhere star the marvelous mechanoids. Whether they act as friendly assistants or world-conquering monsters, you can hardly turn around without seeing another robot on a "Coming Soon!" movie poster.

1977

A little film called *Star Wars*™ hits movie theaters around the world, featuring a pair of heroic droids named R2-D2™ and C-3PO™. Robots will never be the same again.

1980s

1990s

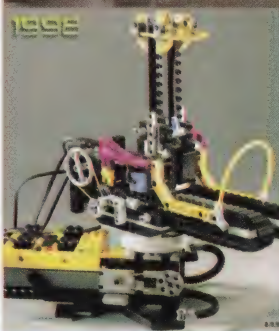
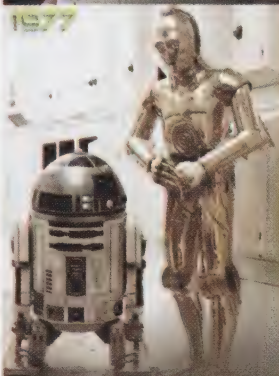
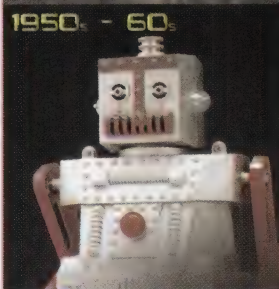
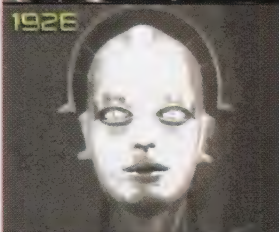
You say you like toy robots? The '80s and '90s had toy robots! Robots that walked, robots that talked, robots that turned into cars and jets and dinosaurs...but none that you could really program and control like a real robot. Then came...

1998

The LEGO Company creates the Robotics Invention System 1.0, also known as MINDSTORMS. Thanks to its innovative RCX brick, builders can finally build and program robots of their very own. But it didn't stop there...

2006

MINDSTORMS NXT finally arrives! With new hi-tech sensors, all-new construction parts, and the incredible NXT "intelligent brick," MINDSTORMS NXT revolutionizes personal robot building. Finally, kids (and grown-ups) around the world can make robots that do... well, pretty much anything they want them to!





COLLECT THE WARRIORS OF VOYA NUI



2006
BIONICLE

MAXIMUM POWER!

The LEGO Power Racers are comin' at ya! These fast and furious speedsters are roaring with racing power, but that's not all – using their pull-back motors, each Power Racer can perform its own unique stunt! From wheelies to donuts to ramp-jumping to side-riding, there's no end to the high-speed thrills. ■

8669 Fire Spinner 360

Side Rider 55 and Fire Spinner 360 combine to make a two-engine mean machine!

8670 Jump Master

8667 Action Wheelie

Jump Master and Action Wheelie combine to make a twin-engine monster racer!

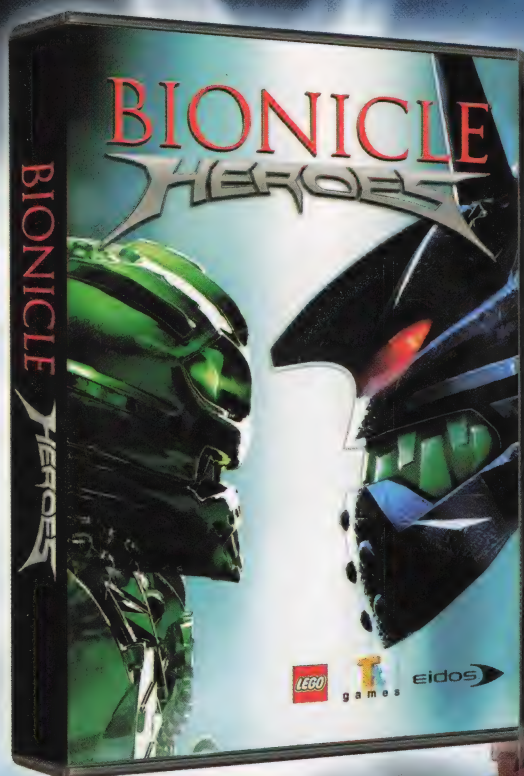
Get Ready for an All-NEW
lineup of LEGO Racers.

CRASHING

Your way in 2007!

8668 Side Rider 55

BIONICLE® HEROES HITS STORES!



New BIONICLE® Fans all around the world can fulfill their wildest dreams of adventure with the BIONICLE HEROES video game, from the makers of the smash hit LEGO® Star Wars™: The Video Game series. ■

"This game is all about having lots of fun and interacting with the different characters in the BIONICLE universe," said game producer Luke Valentine. "We've created a really exciting and challenging gameplay experience that will appeal not only to BIONICLE fans but also to gamers everywhere."

The game features 25 beautifully designed levels set across 6 huge interactive elemental zones; Water, Air, Fire, Ice, Earth and Stone. Conquer these zones one by one to unlock 19 boss characters who are out to stop you.

BIONICLE HEROES will be in stores this month for PlayStation 2, Nintendo Game Cube, PC, Nintendo DS and GameBoy Advance.



CREATURE FROM THE KRUSTY KRAB

Bikini Bottom will never
be the same!



Available For your Favorite
videogame systems October 2006



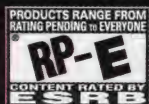
PlayStation 2

NINTENDO DS

Wii

GAME BOY ADVANCE

NINTENDO
GAMECUBE



Visit www.esrb.org for updated rating information

Stephen Hillenburg



Coming Next ISSUE!

January is hot as we reveal all-new and
incredible LEGO sets for 2007!

- Plunge into adventure with the Aqua Raiders as they search for undersea treasure and battle monstrous creatures of the deep!
- Dive into the Pit to encounter the sinister Barraki, the newest villains in the BIONICLE universe!
- Return to a galaxy far, far away with LEGO® Star Wars™ 2007!
- EXO-FORCE is back, battling the robot rebels for possession of a mysterious golden city!
- Plus BrickMaster exclusive contests, comics, and much more! ■



Bricks in Motion!

LEGO CREATOR

You may not believe your eyes, but these LEGO models really move! These motorized masterpieces are ready for you to build, play with, and use to impress Family and Friends. Create a helicopter with a rotor that spins, a bumper car that changes direction when it hits an obstacle, or a creepy crawling spider - and more!

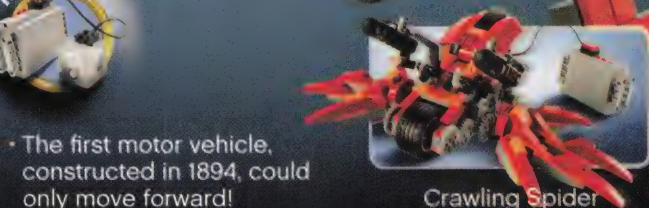
What can YOU create with Motion Power, and how will you make it move?

Motion Power Fun Facts!

- The first functional helicopter was built in 1901. It flew less than two feet above the ground!
- Spiders can detect their prey by sensing vibrations on the ground or in their webs!



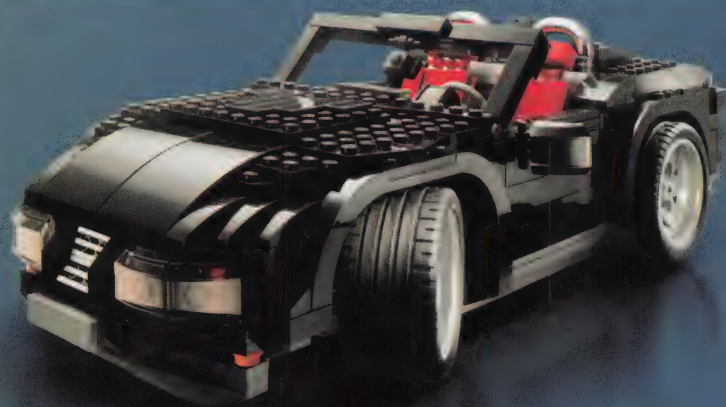
- The first motor vehicle, constructed in 1894, could only move forward!



Crawling Spider



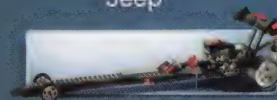
Bumper Car



Are high-speed sports cars more your style? Take a spin with the Roaring Roadster convertible, with seats that recline and doors that open. But watch out - this roadster's so fast, you might get stopped for speeding while you're putting it together! When you're done, you can rebuild it into a drag racer or a jeep...or create an all-new vehicle of your very own!



Jeep



Dragster

LEGO Creator Building Challenge!

Wouldn't it be great if there was a vehicle that could move on land, in the air, and under the sea? Here's your chance to build one! Construct a vehicle designed to work on the ground, in the sky and in the water and you could be one of five winners of a LEGO set of your choice worth up to \$100!

To Enter:

1. Build a model of a vehicle that works on land, in the sea, and in the air using pieces from your LEGO collection.

2. Write an essay (no more than 100 words) with the name of your vehicle and how it works.
3. Take a color photo of your model and send it or a high quality computer printout on photo paper (no Polaroids, please), along with your essay, to the address below. Please include your name, age, address and phone number.

Send Entries to:
LEGO Creator
Building Challenge
PO Box 1625
EnField, CT 06083

For complete rules, visit
www.LEGO.com/club

All entries must be
received by January 3,
2007!

Inside the TECHNIC Tow Truck!

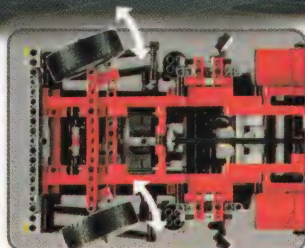
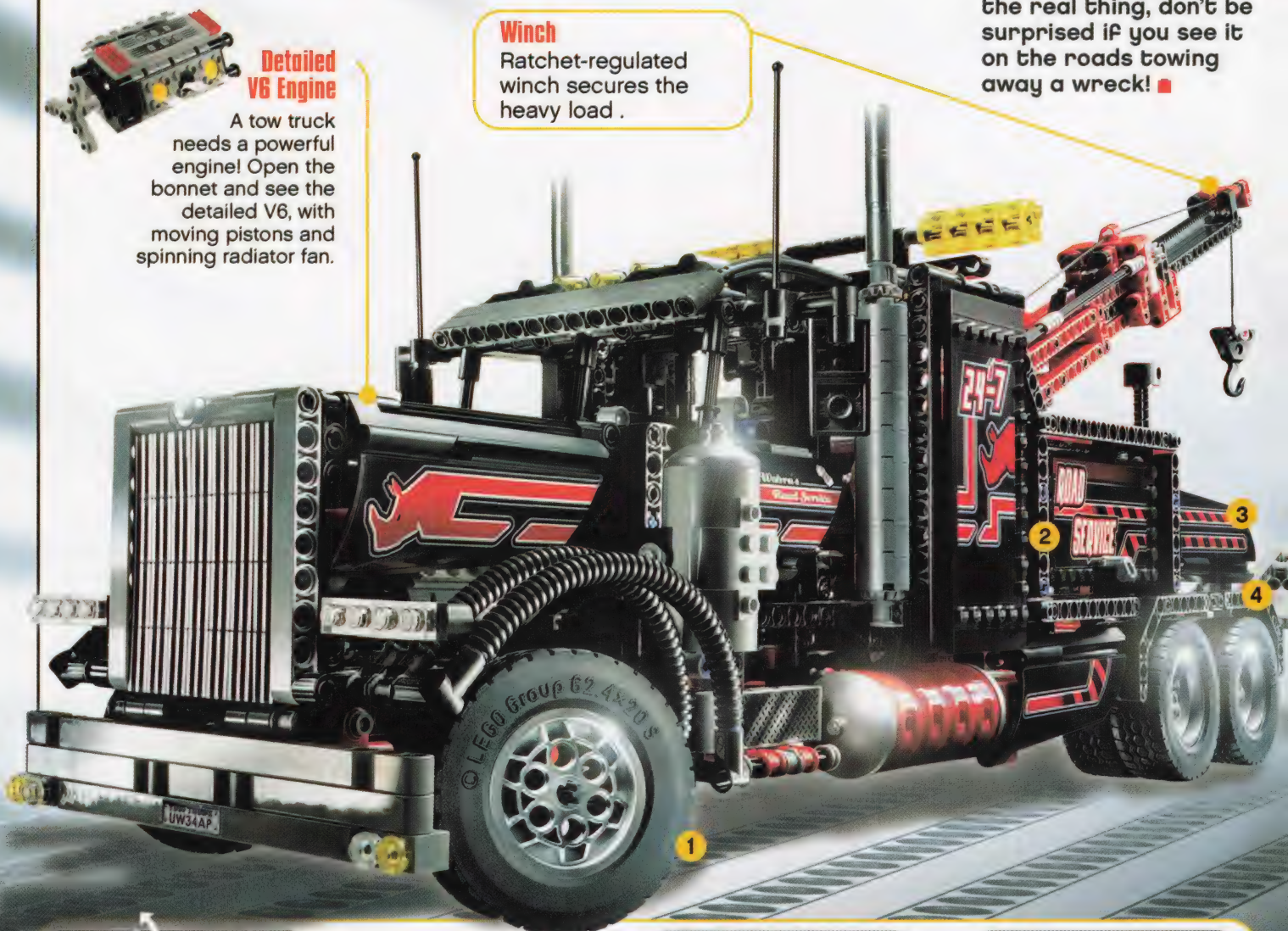
When a car breaks down, it's the job of the Tow Truck to retrieve it and bring it where it can be repaired. The TECHNIC Tow Truck is so close to the real thing, don't be surprised if you see it on the roads towing away a wreck! ■

Winch

Ratchet-regulated winch secures the heavy load.

Detailed V6 Engine

A tow truck needs a powerful engine! Open the bonnet and see the detailed V6, with moving pistons and spinning radiator fan.



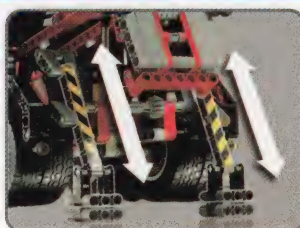
1 Steering

Steering wheel turns to make the wheels move.



2 Manual Controls

Side panels open to reveal manual controls for raising the hook or extending and lowering the boom.



3 Spades

Spades can be lowered to stabilize the truck when lifting big loads, then lifted when not in use.



4 Pneumatic Boom

Rear-mounted telescopic towing mechanism works just like that of a real tow truck – pneumatically. Pumping the cylinder raises and lowers the boom.



Take the Tow Truck apart and rebuild it as a heavy load flat-bed truck!

Holiday Fun

at LEGOLAND® California!

It's a LEGO Christmas!

November 27, 2006

There's only one place in the US where you can find a 30-foot Christmas tree made from LEGO bricks – LEGOLAND! More than 245,000 forest green DUPLO bricks will click together to create a 30-foot tall holiday tree! Please join us for the official lighting ceremony, including special guests and entertainment, at 5:00 pm on Monday, November 27.

Holiday Block Party:

December 21 - 31, 2006

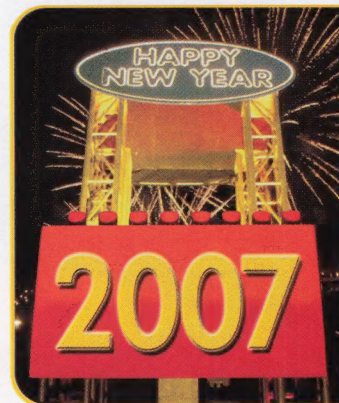
It's a LEGO Wonderland and you're invited to build some special Holiday memories during our 8th annual Holiday Block Party - December 21 through 31. A 30-foot LEGO Christmas Tree lights your way and the Park will be alive with twinklin' lights and merry music. Join in the fun at the Blizzard Building event where LEGO snowflakes will be selected each day by a Master Model Builder. The best will be honored and displayed on the Enchanted Walk. Also, a fireworks spectacular lights the evening sky at Park closing time December 26-30.

There's even a life-sized Santa and reindeer build entirely from LEGO bricks - perfect for that one-of-a-kind holiday photo. In addition, don't miss our real-life Santa Claus December 21-24. Plus, you'll be filled with the holiday spirit as you enjoy special entertainment and great gift ideas that fill every shop in the Park.

Kids' New Year's Eve:

Sunday, December 31, 2006 -
3:00pm - 6:00pm

Join us on December 31 for our one-of-a-kind Kids' New Year's Eve Party. The party kicks off with fun-filled entertainment in Festival Center as we countdown to the New Year. It's like a child's version of a Times Square celebration but a few hours earlier and a lot more family oriented. After the fireworks extravaganza at 6:00pm, you and your family will have had all the zany benefits of a New Year's Eve party without losing any sleep. Pick up party favors in Festival Center after 3:00pm. It's sure to be a New Year's they'll never forget.



ONE FREE Child Admission

with the purchase of a full-priced adult one-day admission.

The fun is as close as Carlsbad, just off the I-5, 30 minutes north of San Diego and one hour south of Anaheim. The Park is open 5 days a week, closing on Tuesdays and Wednesdays, but is open daily December 21 - January 1. For Park information, visit www.LEGOLAND.com or call (760) 918-LEGO. Prices, times and schedules subject to change without notice.

Original coupon must be exchanged at LEGOLAND ticket booth at time of purchase to receive one free child admission with the purchase of a full-price one-day admission. Offer may be redeemed up to three times per redemption. Valid only on the day of purchase. Not valid with any other discounts or offers. No photocopies or facsimiles will be accepted. Not for resale. Expires 4/1/07 LCM ©The LEGO Group.

LEGO
LEGOLAND
CALIFORNIA

Paid Adult/FREE Child - A-1275

Offer may be redeemed up to 3 times per redemption.



SHOP at HOME

Get
\$5 OFF
your order of \$30 or more!

Go to
www.LEGOshop.com
to start shopping now and take
\$5 off your order of \$30 or more!
Use special code BSP116

Or call
1-800-453-4652
to place your order and save!

*One discount per order. Order total must equal \$30 or more in merchandise, not including any shipping, applicable taxes or the value of gift certificates purchased. To redeem this offer at www.LEGOshop.com, enter the special code during checkout. To redeem this offer by mail, enter the special code on your LEGO Shop At Home catalog order form. To redeem this offer by telephone, please call 1-800-453-4652 and mention the special code. Discount cannot be used toward the purchase of gift certificates. Offer valid only in the U.S. Prior sales excluded. Cannot be combined with any other offers.

Offer expires December 31, 2006
at 11:59PM EST.

STAR
WARS

BIONICLE

EXOFORCE

CITY

TRAINS

Shop in your local
LEGO Retail Store and SAVE!

Did you know there may be a LEGO store right around the corner? LEGO Stores are a great place to shop for your favorite sets, participate in special hands on building events, hold your next birthday party, buy special hard-to-find bricks and more! To find the LEGO store nearest you, visit www.LEGO.com/LEGOstores!

LEGO STORE COUPON

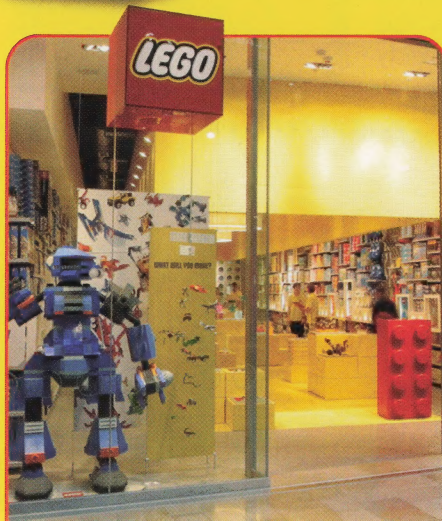
COUPON CODE 999201

Offer Expires 12/31/2006

\$5

OFF any purchase of \$30 or more

Qualifying amount applies to merchandise only. Limit one coupon per transaction. Coupon must be redeemed at time of purchase. Not valid toward prior purchase or gift certificates. Coupon cannot be redeemed for cash or replaced if lost or stolen. May not be combined with any other offer or coupon. Valid only at LEGO Stores & Outlets. Offer not valid at LEGO.com or LEGOLAND Parks. Coupon code 999201. No photocopy of coupon accepted. LEGO and the LEGO logo are trademarks of the LEGO Group. ©2006 the LEGO Group. Coupon expires December 31, 2006. For further information on LEGO Store locations, visit www.LEGO.com/LEGOstores.





My Holiday Wish List

by

Need some help? Flip through your magazine to any other page – there's plenty to choose from!























7709 Sentinel Fortress



8894 BIONICLE Piraka Stronghold



8527 MINDSTORMS NXT



7783 Batcave



6211 LEGO Star Destroyer



7894 City Airport



8823 Mistlands Tower

ADVENTURE IS WAITING.
DIVE INTO BATTLE.



LEGO

AQUARAIDERS

COMING JANUARY 2007